

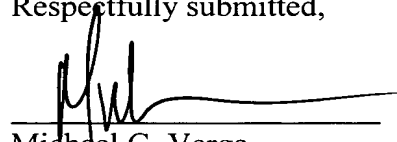
## REMARKS

1. In response to the Office Action mailed June 2, 2005, Applicant respectfully requests reconsideration. Claims 45-66, 68, 69 and 76-89 and 91-94 were last presented in this application. In the outstanding Office Action claims 45, 46, 48, 68, 69, 86 and 87 were rejected; claims 47, 49-66, 88, 89 and 91-94 were objected to; and claims 76-85 and 95-98 were allowed. By the foregoing Amendments, claims 45 and 86 have been amended and claim 55 has been canceled. Thus, upon entry of this paper, claims 45-54, 56-66, 68, 69, 76-89 and 91-98 will be pending in this application. Of these 45 claims, four (4) claims (claim 45, 76, 86, and 95) are independent. These Amendments are believed not to introduce new matter and their entry is respectfully requested.
2. Applicant notes with appreciation the Examiner's indication that claims 76-85 and 95-98 are allowable and that claims 47, 49-66, 88, 89 and 91-94 would be allowable if combined with their respective base and intervening claims.
3. Applicant has amended independent claim 45 to incorporate the limitations of allowable dependent claim 55. Amended claim 45 now includes the recitations of an objected to claim (claim 55), its base claim (claim 45) and any intervening claims (none). Accordingly, Applicant respectfully submits that amended independent claim 45 is in condition for allowance.
4. Claims 86 and 87 have been rejected under 35 U.S.C. §102(e) as being anticipated by U.S. Patent No. 6,195,267 to MacDonald, Jr. *et al.* (hereinafter, "MacDonald"). In rejecting claim 86, the Examiner stated that a thermal conductivity of 30 W/mK is about the same as "of at least approximately 36 W/mK." Although Applicant respectfully disagrees with the Examiner, to facilitate prosecution of this application, Applicant has amended claim 86 to recite "greater than or equal to 36 W/mK." As such, Applicant respectfully submits that claim 86, as amended, is in condition for allowance.
5. The dependent claims incorporate all of the subject matter of their respective independent claims and add additional subject matter which makes them a fortiori and independently patentable over the art of record. Accordingly, Applicant respectfully requests that the outstanding rejections of the dependent claims be reconsidered and withdrawn.

6. Applicant respectfully requests that this Amendment under 37 C.F.R. § 1.116 be entered by the Examiner, placing claims 45-54, 56-66, 68, 69, 76-89 and 91-98 in condition for allowance. Applicant submits that the proposed amendments of claims 45 and 86 do not raise new issues or necessitate the undertaking of any additional search of the art by the Examiner, since all of the elements and their claimed relationships were either earlier claimed or inherent in the claims as examined. Therefore, this Amendment should allow for immediate action by the Examiner. Further, Applicant submits that the entry of the amendment would place the application in better form for appeal, should the Examiner dispute the patentability of the pending claims.

7. In view of the foregoing, Applicant submits that this application is in condition for allowance.

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'Michael G. Verga', is written over a horizontal line.

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